



Payload 1 Daily Flight Report



Date: 2026-07-02

Flight Campaign ID: P1C1

Airport, FBO ID, City: Bismarck Municipal Airport (KBIS) - Bismarck, ND; Northeast Wyoming Regional Airport (KGCC) - Gillette, WY; Provo Airport (KPVU) - Provo, UT

Aircraft: N537AR

Domain: 00 (Transit), 15 (Great Basin)

Sites Flown: Transit ()

Days left in Domain: 2

Report Author: Cameron

Lidar Operators: n/a

Flight Hours: 01:58:00, 02:42:00

Spectrometer Operators: n/a

Hours until maintenance: 71.13

Pilots: Troy, Jeff

Adt'l Flight Crew: Cameron

Ground Crew: John

Summary

The crew completed the transit from D09 to D15 today dodging some weather along the route.

Concerns

- One of the FBO's Ground Power Units (GPUs) indicates a 28V output, but the payload's UPS batteries continue to discharge while connected.

Comments

- Mitch arrives tonight.

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

Pictures: Descending from the mountains into Provo, Utah.



Cumulative Domain Coverage

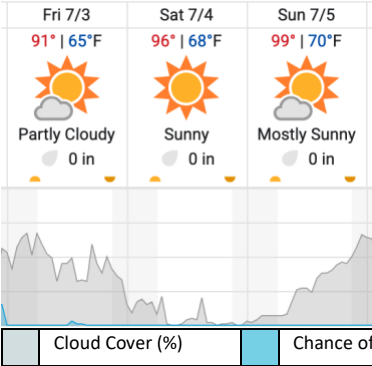
D15 | REDB (Red Butte)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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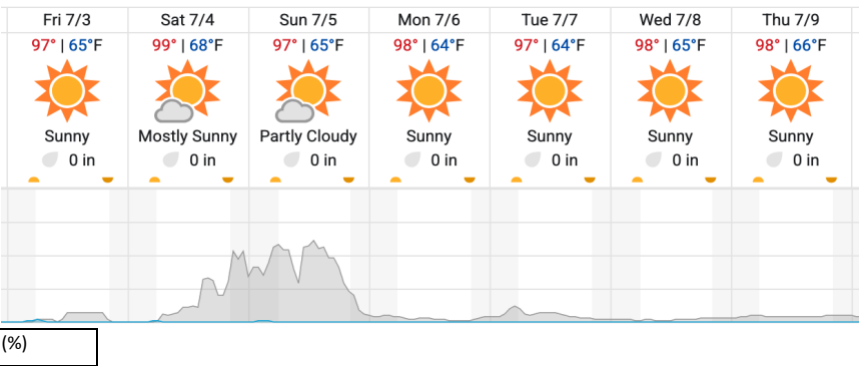
Flown: 0% (0/19)
Green: 0% (0/19)
Yellow: 0% (0/19)
Red: 0% (0/19)
* Flown within 35deg solar angle

Weather Forecast

Salt Lake City, UT (REDB)



Fresno, CA



source: wunderground.com

Flight Collection Plan for July 3, 2026

Flyority 1

Site: Red Butte (REDB)
Flight Plan Name: D15_REDB_A1_P1_v3_PRM.xml
Solar Angle Time: 10:00L/16:00 UTC

Crew: Cameron (Lidar), Mitch (NIS)